

Welcome fellow participants:

On the occasion of the SC08 conference, NASA is pleased to note that throughout our fifty year history, the space agency has depended on high-end computing technologies to extend our Nation's exploration reach throughout the solar system, to advance fundamental scientific knowledge, and to improve the performance of aircraft and space vehicles.

At SC08, representatives of six NASA Centers will demonstrate the use of our supercomputing capabilities for the Agency's aeronautics, exploration systems, science, and space operations missions. Visitors to our exhibit will be able to see how NASA's Fundamental Aeronautics Program is using computing power to explore innovative ways to reduce jet engine noise. They also will learn about how NASA scientists use aerothermal computational fluid dynamics to help design the thermal protection system for America's next generation spacecraft, the Orion crew exploration vehicle. Finally, NASA will also showcase its Multi-scale Modeling System, which is advancing our ability to predict tropical storms by using computational modeling.



Michael D. Griffin, NASA Administrator

I hope you have an opportunity to learn about these and other impressive supercomputing applications that are enabling NASA, as we move into our second half-century, to expand our commitment to technical excellence and to continue pioneering the space frontier on behalf of the American public.

Michael D. Griffin
NASA Administrator

